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Jan 2024



10 CSCI Faculty Members Named Highly Cited Researchers 2023

We are delighted that 10 distinguished scientists from the College of Science (CSCI) have been listed as Clarivate's Highly Cited Researchers 2023. Moreover, one-third of CSCI scholars, including 31 faculty members and 4 Emeritus/Honorary/Adjunct Professors, have been listed among the top 2% of the world's most highly cited scientists in the latest report of Stanford University, released in 2023. [Read more](#)

News and Achievements



Professor David Xiongwen Lou Honoured with Young Scientist SDGs Award

Professor David Lou Xiongwen, Chair Professor of Materials Chemistry at the Department of Chemistry, was honoured with the award of Young Scientist Sustainable Development Goals Award at the 2023 World Young Scientist Summit. He is the sole recipient from Hong Kong, while the other two awardees are scientists from the mainland and the UK. [Read more](#)

Professor Chun Kit Kwok Awarded 2024 RNA Society Early-Career Research Award

Professor Chun Kit Kwok, Associate Professor from the Department of Chemistry, has been awarded the 2024 RNA Society Early-Career Research Award. He is the first Hong Kong scientist awarded in this early-career category and the only Chinese among all awardees this year. Recognising Professor Kwok as “an emerging leader in the RNA research community”, the RNA Society includes him as a member and describes his work as “exceptional”. [Read more](#)

Awarded the 2024 RNA Society Early-Career Research Award



Prof. Chun Kit Kwok

Associate Professor
Department of Chemistry



Professor Denver Li Bestowed with Prestigious Chen Ning Yang Award

Professor Denver Li, Assistant Professor from the Department of Physics, has been honoured with the Chen Ning Yang Award 2023 for his ground-breaking discovery and synthesis of the first nickel oxide superconductors. As the sole awardee from Hong Kong this year, his pioneering work on nickel oxide superconductors has opened new frontiers in the quest for high-temperature superconductivity. [Read more](#)

SKLMP Wins Gold Award at the Hong Kong Green Innovations Award

The State Key Laboratory of Marine Pollution (SKLMP) at CityU was awarded the prestigious Gold Award at the Hong Kong Green Innovations Award as part of the 2022 Hong Kong Awards for Environmental Excellence. Their ground-breaking innovation, titled “Enhancing Intertidal Marine Biodiversity on Artificial Seawalls by Novel Eco-tiles”, clinched the top prize. [Read more](#)



Professor Junzhang Ma Awarded the UGC 2023/2024 Early Career Award

Professor Junzhang Ma, Assistant Professor from the Department of Physics, received the University Grants Committee (UGC) 2023/2024 Early Career Award. He is one of the seven awardees of this year's award.

Professor Xun-Li Wang Elected to the Board of Directors of APS

Professor Xun-Li Wang, Chair Professor from the Department of Physics, was elected to the Board of Directors of the American Physical Society (APS). He will serve a three-year term beginning on 1 January 2024. Professor Wang has been a Fellow of the APS since 2010. [Read more](#)



Awardees of the NSFC/RGC Collaborative and Joint Research Scheme



Congrats!

Three Chemists Awarded Grants from NSFC and RGC

Nine scholars from CityU are awarded the National Natural Science Foundation of China and the Research Grants Council (NSFC/RGC) Collaborative Research Scheme (CRS) and Joint Research Scheme (JRS) funding for the year 2023/24. Among them, three awardees are from the College of Science, and Professor Alex Jen was CityU's only awardee of the NSFC/RGC Collaborative Research Scheme (CRS). [Read more](#)

MSc Biostatistics Accredited by RSS

The Master of Science in Biostatistics has been accredited by the Royal Statistical Society (RSS), U.K.. As a bonus, students enrolled from 2023/24 intake are eligible for e-Student membership of RSS. Upon successful completion of study, graduates will be granted the title of "Graduate Statistician" whom with further engagement and accumulated years of experiences in the related fields, can apply for the Chartered Statistician, the highest recognition bestowed by the RSS.



Chemistry Students Completed Internship at Guangzhou

Three students from the Department of Chemistry have completed a two-week internship at the Baiyun Beauty Bay in Guangzhou, Mainland China's hub of cosmetic manufacturing companies. The students were assigned a one-on-one mentor to guide them in tasks like designing cosmetic formulations. Leading the related Undergraduate programme course, Professor Alex Wong and his team will further collaborate with the related companies located there to secure internship

opportunities and foster research and development.

Maths Alumni Reunion Gala 2023

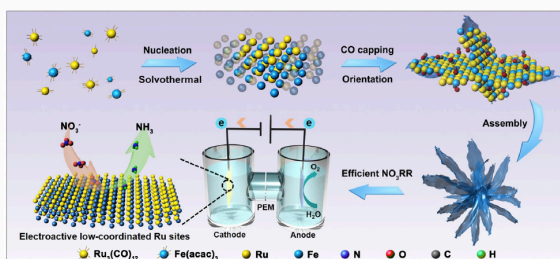
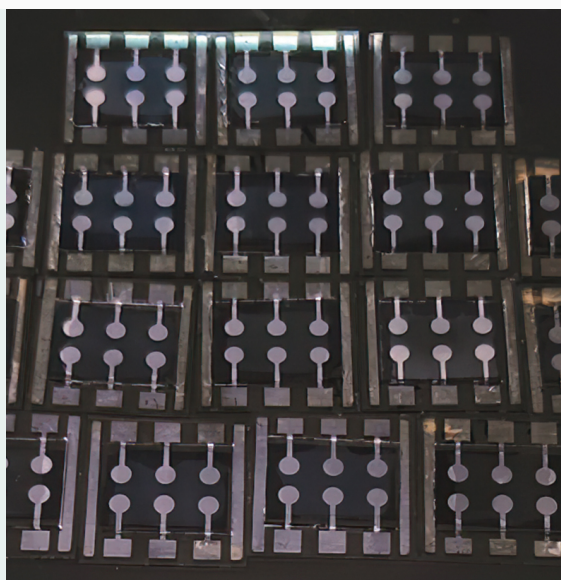
The Department of Mathematics hosted the Alumni Reunion Gala 2023 on 14 October 2023 with the aim to strengthen connections between alumni and the Department. All participants had an enjoyable lunch at the Faculty Lodge. [Read more](#)



Research

Key Advance in Perovskite Solar Cell Research Reported in *Science*

A huge step forward in the evolution of perovskite solar cells recorded by CityU researchers will have significant implications for renewable energy development. The team led by Professor Zonglong Zhu, Associate Professor of the Department of Chemistry, has achieved a breakthrough in enhancing the efficiency rate of perovskite solar cells. The journal *Science* has reported on this research, which collaborates with Mainland China's researchers. [Read more](#)

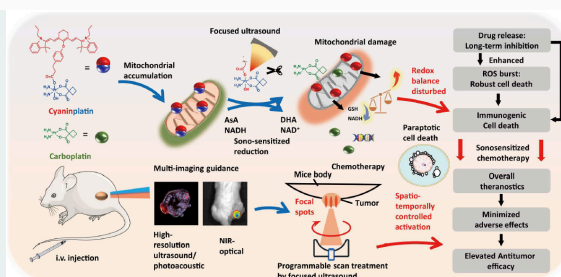


Bimetallic Alloy Nanocatalyst Boosts Efficient Ammonia Production

A research team led by Professor Zhanxi Fan, Assistant Professor of the Department of Chemistry, recently engineered a bimetallic alloy as an ultrathin nanocatalyst that can deliver greatly improved electrochemical performance for generating ammonia from nitrate, offering great potential for obtaining carbon-neutral fuel in the future. [Read more](#)

Ultrasound-activated Chemotherapy Advances Therapeutic Potential for Deep Tumours

A research team co-led by Professor Guangyu Zhu, Professor in the Department of Chemistry, recently developed a new form of ultrasound-activated chemotherapy named "sono-sensitized chemotherapy" (SSCT), which further enhances the precision for eradicating deeper tumours with centimetre range of tissue penetration and minimises side effects. [Read more](#)





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